

In the Abstract, please amend as follows:

An object is to provide a A three-dimensional shape drawing device which is capable of drawing a three-dimensional shape at a high speed. A and including a high order bit comparing section ~~compares~~ comparing high order bits of a depth value retained by a high order Z-buffer memory with high order bits of a depth value calculated by a ~~depth value~~ calculation section. If these two sets of high order bits are the same, a low order bit comparing section compares low order bits of the ~~depth value~~ retained by a low order Z-buffer memory with low order bits of the ~~depth value~~ calculated by the ~~depth value~~ calculation section. If a depth indicated by the high order bits of the ~~depth value~~ calculated by the ~~depth value~~ calculation section is shallow, the high order bits of the ~~depth value~~ retained by the high order Z-buffer memory and the low order bits of the ~~depth value~~ retained by the low order Z-buffer memory are updated. If a depth indicated by the low order bits of the ~~depth value~~ calculated by the ~~depth value~~ calculation section is shallow, the low order bits retained by the low order Z-buffer memory are updated.